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2001 Winter Wheat Budgets for South Dakota

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October, 2000

2001 Winter Wheat Budgets for South Dakota



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WINTER WHEAT BUDGETS FOR 2001

These budgets are intended for planning purposes only. Yields and prices will differ from one location to another. The sale price for wheat east of the Missouri River is higher than that used for west of the river.

In this set of budgets, some major changes have been made compared to previous ones in an attempt to list management practices that more closely reflect those which will provide maximum profitability. Some of the dates of operation have been changed. Herbicide use has been changed. Yields and fertilizer amounts are higher. A new (Table II) has been added at the request of budget users. This table is the "Production Activities Report," which shows the performance rate of the various machines (acres per hour) and combines some of the costs that are found in Table I. This added information should help the user in planning his or her own cost of production tables.

Table I lists the various field operations by date and provides cost data on each field operation, along with associated purchased inputs. The ownership column includes fixed costs associated with ownership, such as storage, depreciation, interest, and insurance. The operating cost column includes fuel, lubricants, and repair. It does not include interest on these items. The summary at the bottom of this table includes purchased items, such as seed, fertilizer, and custom hired operations. Other costs, such as land costs, management, and interest on operating capital are not included here, but are listed in the table of costs and returns.

Table II, which was added this year, provides information on machine performance, machine costs by operation, and a summary total of machine costs not included in Table I.

Table III, the Material Usage Report, is a summary of purchased inputs and their costs for easy review. This includes custom hired work. Fertilizer usage is based on nutrients removed from the soil by the crop. Actual applications should be based on soil test and expected yields.

Table IV, the Net Returns Calculations, includes other costs such as land ownership costs, interest on operating capital, drying costs, if any, and a charge for management. These costs are subtracted from the expected revenue, showing expected net profit or loss. Because this table includes charges for the operator's labor and management and a charge for implicit interest on capital invested in land and machinery as well as purchased items, a profit of zero still allows the operator a fair return for his labor and management as well as a fair return on his investment. Gross sale are based on the expected sale prices of \$2.88 per bushel east of the Missouri River and \$2.70 west of the river. These prices are based on the Kansas City futures prices in mid July and adjusted for expected basis east and west of the river. They do not include any government payment or LDP that may be received. The actual price at harvest time in 2001 may be quite different, and the user should make any appropriate adjustments based on his or her marketing plan. If the operator has any additional sales, such as straw, the net profit of such sales should be added to the gross sales number. Also, if straw is to be sold, the herbicides used may need to be changed to comply with label restrictions.

Two rescue treatments are listed in most budgets. One is a spring application of herbicides for spring weeds. This is applied on 67% of the acreage. The second is an application on parathion, which is applied to 20% of the acreage. Thus, the amount of chemical is reduced per acre to 67% and 20% of label requirements, and machine costs are likewise reduced.

Prices used in these budgets

Sale price of wheat, east river	\$2.88 per bushel
Sale price of wheat, west river	\$2.70 per bushel
Wheat seed	\$4.50 per bushel
Diesel	\$1.05 per gallon
Management	5% of gross sales
Interest on operating capital	10%
Interest on machinery	10%
Interest on land	8%
Taxes on land	2%

Machinery costs are based on a University of Minnesota study of farm implements costs

These budgets are organized by crop reporting district. The western and central districts have 3 budgets each (mechanical fallow, chemical fallow and continuous crop). The eastern districts have one budget each, using conventional tillage.

Donald Peterson
Extension Economist
Economics Department

October 2000

Budget NW-342-4303, NW WW MF, 55.00 Bushels of Wheat, Winter, West
Land is 1 acres of SWSD w/SFallow at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
07/30/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.052 0.034
10/01/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.022 0.013
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.022 0.013
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel 4 Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.046 0.079 0.123
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' 2,4-D 5.7E Ally 60DF Surfactant	0.0 Hrs(0.7 Times) 0.2 Pints 0.1 Ounces 1.1 Ounces	0.11 0.15	0.13 0.06	0.30 0.02	0.54 0.23 0.53 1.58 0.15	0.54 0.23 0.53 1.58 0.15	0.010 0.004 0.010 0.029 0.003
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.014 0.005
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 55.0 Bushels	0.00	0.00	0.00	0.00 16.00 8.25	0.00 16.00 8.25	0.000 0.291 0.150
TOTAL Machinery Cost						24.29	24.29	0.442
TOTAL Input Cost						56.84	56.84	1.033
TOTAL Budget Cost						81.13	81.13	1.475

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating Owner- ship	Machinery Oper- ating Owner- ship	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities								
07/30/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71
10/01/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89
09/10/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49
09/12/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90
05/01/01	Sprayer Pull Type, 50'	27.576	0.11	0.13	0.15	0.06	0.32	0.77
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00
Total Machinery Cost of Operations			3.31	5.36	5.97	5.17	4.47	24.29

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	76.00	13.60	13.60 0.247
18-46-0 (DAP)	Pounds	67.00	8.98	8.98 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.123
2,4-D 5.7%	Pints	0.20	0.53	0.53 0.010
Ally 60DF	Ounces	0.07	1.58	1.58 0.029
Surfactant	Ounces	1.06	0.15	0.15 0.003
Aerial Spraying	Acres	0.20	0.75	0.75 0.014
Parathion	Pounds	0.10	0.25	0.25 0.005
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.291
Trucking, \$0.15/bu	Bushels	55.00	8.25	8.25 0.150
Material Cost Total			56.84	56.84 1.033
Labor Used				
Machinery Labor	Hours	0.36	4.18	4.18 0.076
Other Labor	Hours	0.03	0.30	0.30 0.005
Labor Cost Total			4.47	4.47 0.081
Fuels Used				
Diesel	Gallons	3.08	3.23	3.23 0.059
Fuel Cost Total			3.23	3.23 0.059

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	148.50			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		148.50	148.50	2.700
2. Machinery Cost				
2.1 Ownership Cost	9.29		9.29	0.169
2.2 Operating Cost	7.29		7.29	0.133
2.3 Total Machinery Cost		16.58	16.58	0.301
3. Materials Cost				
3.1 Materials	56.84		56.84	1.033
3.2 Fuel Cost	3.23		3.23	0.059
3.3 Labor Wages	4.47		4.47	0.081
3.4 Total Materials Cost		64.55	64.55	1.174
4. Capital Costs		5.33	5.33	0.097
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		40.00	40.00	0.727
7. Management Fees		7.43	7.43	0.135
Gross Revenues		148.50	148.50	2.70
Total Costs		133.89	133.89	2.43
Net Profit or Loss		14.61	14.61	0.27

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, NW WW CF NT, 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of NWSD w/SFallow at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.053
	2,4-D 5.7E	0.3 Pints				0.77	0.77	0.013
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.085
	Banval 4L	0.3 Pints				2.78	2.78	0.046
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.021
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.016
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
09/10/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.032
	Banval 4L	0.1 Pints				1.39	1.39	0.023
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	0.1 Pints				0.22	0.22	0.004
09/14/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.016
	Fertilizer Sprd. 40 Ft. & Nitrogen, Dry (act.)	82.8 Pounds	0.58	0.26	0.04	0.88	0.88	0.015
	18-46-0 (DAP)	73.0 Pounds				14.82	14.82	0.247
						9.78	9.78	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.059
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.106
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.112
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.59	0.59	0.010
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.004
	Ally 60DF	0.1 Ounces				1.61	1.61	0.027
	Surfactant	1.1 Ounces				0.15	0.15	0.003
	2,4-D 5.7E	0.2 Pints				0.54	0.54	0.009
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.013
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.267
	Trucking, \$0.15/bu	60.0 Bushels				9.00	9.00	0.150
TOTAL Machinery Cost						18.23	18.23	0.304
TOTAL Input Cost						86.87	86.87	1.448
TOTAL Budget Cost						105.10	105.10	1.752

II. Production Activities Report

Production Activities Report		Performance rate	Power Unit		Machinery		Labor Cost	Cost Per	
Date	Operation Description	Acres/hr	Ownership	Operating	Ownership	Operating		Acre	Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
09/10/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.010
09/14/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.031
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.165
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.84	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			2.17	2.78	5.76	3.16	4.37	18.23	0.304

III. Material Usage Report

Material	Units	Quantity	Total Costs	Cost Per Acre	Per Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.299
2,4-D 5.7E	Pints	1.39	3.58	3.58	0.060
Ammonium Sulfate	Pounds	0.45	0.09	0.09	0.002
X-77	Pints	0.90	2.01	2.01	0.033
Barval 4L	Pints	0.38	4.16	4.16	0.069
Nitrogen, Dry (act.)	Pounds	82.80	14.82	14.82	0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.112
Ally 60DF	Ounces	0.07	1.61	1.61	0.027
Surfactant	Ounces	1.07	0.15	0.15	0.003
Aerial Spraying	Acres	0.20	0.75	0.75	0.013
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00	0.150
Material Cost Total			86.87	86.87	1.448
Labor Used					
Machinery Labor	Hours	0.35	4.08	4.08	0.068
Other Labor	Hours	0.03	0.29	0.29	0.005
Labor Cost Total			4.37	4.37	0.073
Fuels Used					
Diesel	Gallons	1.30	1.37	1.37	0.023
Fuel Cost Total			1.37	1.37	0.023

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	7.92		7.92	0.132
2.2 Operating Cost	4.57		4.57	0.076
2.3 Total Machinery Cost		12.49	12.49	0.208
3. Materials Cost				
3.1 Materials	86.87		86.87	1.448
3.2 Fuel Cost	1.37		1.37	0.023
3.3 Labor Wages	4.37		4.37	0.073
3.4 Total Materials Cost		92.61	92.61	1.543
4. Capital Costs		7.95	7.95	0.132
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		32.60	32.60	0.543
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		153.75	153.75	2.56
Net Profit or Loss		8.25	8.25	0.14

Scenario 01

No Crop Drying Planned

Budget , NW WW CC NT 40.00 Bushels of Wheat, Winter, West
Land is 1 acres of Southwest SD at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
09/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.022
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.009
	Roundup 3L	12.0 Ounces				3.84	3.84	0.096
	Banval 4L	0.3 Pints				2.78	2.78	0.069
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.011
09/12/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.024
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.022
	Nitrogen, Dry (act.)	55.2 Pounds				9.88	9.88	0.247
	18-46-0 (DAP)	48.7 Pounds				6.53	6.53	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.088
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.159
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.169
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.015
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.006
	Ally 60DF	0.1 Ounces				1.58	1.58	0.040
	2,4-D 3.8E	0.3 Pints				0.66	0.66	0.016
	Surfactant	1.1 Ounces				0.15	0.15	0.004
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.019
	Parathion	0.1 Pounds				0.25	0.25	0.006
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.400
	Trucking, \$0.15/bu	40.0 Bushels				6.00	6.00	0.150
TOTAL Machinery Cost						13.81	13.81	0.345
TOTAL Input Cost						55.63	55.63	1.391
TOTAL Budget Cost						69.44	69.44	1.736

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Unit
Pre-Harvest Activities									
09/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.031
09/12/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.046
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.247
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.021
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			1.55	2.05	4.90	2.80	2.51	13.81	0.345

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Roundup 3L	Ounces	12.00	3.84	3.84 0.096
Banvel 4L	Pints	0.25	2.78	2.78 0.069
Ammonium Sulfate	Pounds	0.10	0.02	0.02 0.000
X-77	Pints	0.20	0.45	0.45 0.011
Nitrogen, Dry (act.)	Pounds	55.20	9.88	9.88 0.247
18-46-0 (DAP)	Pounds	48.70	6.53	6.53 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.169
Ally 60DF	Ounces	0.07	1.58	1.58 0.040
2,4-D 3.8E	Pints	0.33	0.66	0.66 0.016
Surfactant	Ounces	1.06	0.15	0.15 0.004
Aerial Spraying	Acres	0.20	0.75	0.75 0.019
Parathion	Pounds	0.10	0.25	0.25 0.006
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.400
Trucking, \$0.15/bu	Bushels	40.00	6.00	6.00 0.150
Material Cost Total			55.63	55.63 1.391
Labor Used				
Machinery Labor	Hours	0.20	2.35	2.35 0.059
Other Labor	Hours	0.02	0.17	0.17 0.004
Labor Cost Total			2.51	2.51 0.063
Fuels Used				
Diesel	Gallons	0.94	0.99	0.99 0.025
Fuel Cost Total			0.99	0.99 0.025

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	108.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		108.00	108.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	6.45		6.45	0.161
2.2 Operating Cost	3.86		3.86	0.097
2.3 Total Machinery Cost		10.31	10.31	0.258
3. Materials Cost				
3.1 Materials	55.63		55.63	1.391
3.2 Fuel Cost	0.99		0.99	0.025
3.3 Labor Wages	2.51		2.51	0.063
3.4 Total Materials Cost		59.13	59.13	1.478
4. Capital Costs		3.83	3.83	0.096
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		24.80	24.80	0.620
7. Management Fees		5.40	5.40	0.135
Gross Revenues		108.00	108.00	2.70
Total Costs		103.47	103.47	2.59
Net Profit or Loss		4.53	4.53	0.11

Scenario 01

No Crop Drying Planned

**Budget NW-342-4303, WC WW MF, 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of WCSD w/SFallow at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.**

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
07/30/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.048 0.031
10/01/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/05/00	Tractor 060 hp Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry (act.) 18-46-0 (DAF)	0.0 Hrs(1.0 Times) 82.9 Pounds 73.0 Pounds	0.19 0.00	0.23 1.50	0.53 0.04	0.95 1.54 14.84 9.78	0.95 1.54 14.84 9.78	0.016 0.026 0.247 0.163
09/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel & Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.042 0.073 0.112
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' 2,4-D 5.7E Ally 60DF Surfactant	0.0 Hrs(0.7 Times) 0.2 Pints 0.1 Ounces 1.1 Ounces	0.12 0.16	0.14 0.07	0.33 0.02	0.58 0.25 0.53 1.58 0.15	0.58 0.25 0.53 1.58 0.15	0.010 0.004 0.009 0.026 0.002
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.013 0.004
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 60.0 Bushels	0.00	0.00	0.00	0.00 16.00 9.00	0.00 16.00 9.00	0.000 0.267 0.150
TOTAL Machinery Cost						24.35	24.35	0.406
TOTAL Input Cost						59.63	59.63	0.994
TOTAL Budget Cost						83.98	83.98	1.400

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
07/30/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71	0.078
10/01/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49	0.041
09/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90	0.115
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			3.32	5.37	5.98	5.17	4.50	24.35	0.406

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	82.90	14.84	14.84 0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.112
2,4-D 5.7%	Pints	0.20	0.53	0.53 0.009
Ally 60DF	Ounces	0.07	1.58	1.58 0.026
Surfactant	Ounces	1.06	0.15	0.15 0.002
Aerial Spraying	Acres	0.20	0.75	0.75 0.013
Parathion	Pounds	0.10	0.25	0.25 0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00 0.150
Material Cost Total			59.63	59.63 0.994
Labor Used				
Machinery Labor	Hours	0.37	4.20	4.20 0.070
Other Labor	Hours	0.03	0.30	0.30 0.005
Labor Cost Total			4.50	4.50 0.075
Fuels Used				
Diesel	Gallons	3.08	3.24	3.24 0.054
Fuel Cost Total			3.24	3.24 0.054

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	9.30		9.30	0.155
2.2 Operating Cost	7.30		7.30	0.122
2.3 Total Machinery Cost		16.61	16.61	0.277
3. Materials Cost				
3.1 Materials	59.63		59.63	0.994
3.2 Fuel Cost	3.24		3.24	0.054
3.3 Labor Wages	4.50		4.50	0.075
3.4 Total Materials Cost		67.37	67.37	1.123
4. Capital Costs		7.36	7.36	0.123
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		40.00	40.00	0.667
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		139.44	139.44	2.32
Net Profit or Loss		22.56	22.56	0.38

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, WC WW CF NT 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of WCSD w/SFallow at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.053
	2,4-D 3.8E	0.3 Pints				0.60	0.60	0.010
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.085
	Banvel 4L	0.3 Pints				2.78	2.78	0.046
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.021
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.016
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
09/05/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.032
	Banvel 4L	0.1 Pints				1.39	1.39	0.023
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	0.1 Pints				0.22	0.22	0.004
09/10/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.016
	Fertilizer Sprd. 40 Ft. 6		0.58	0.26	0.04	0.88	0.88	0.015
	Nitrogen, Dry (act.)	82.8 Pounds				14.82	14.82	0.247
	18-46-0 (DAP)	73.0 Pounds				9.78	9.78	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.059
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.106
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.112
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.010
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.004
	Ally 60DF	0.1 Ounces				1.58	1.58	0.026
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.009
	Surfactant	1.1 Ounces				0.15	0.15	0.002
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.013
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.267
	Trucking, \$0.15/bu	60.0 Bushels				9.00	9.00	0.150
TOTAL Machinery Cost						18.22	18.22	0.304
TOTAL Input Cost						86.66	86.66	1.444
TOTAL Budget Cost						104.88	104.88	1.748

II. Production Activities Report

Date	Operation Description	Performance rate Acres/hr	Power Ownership	Unit Operating	Machinery Ownership	Operating	Labor Cost	Cost Acre	Per Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
09/05/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.010
09/10/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.031
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.165
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			2.16	2.78	5.75	3.16	4.37	18.22	0.304

III. Material Usage Report

Material	Units	Quantity	Total Costs	Cost Acre	Per Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.299
2,4-D 3.8E	Pints	0.30	0.60	0.60	0.010
Ammonium Sulfate	Pounds	0.45	0.09	0.09	0.002
X-77	Pints	0.90	2.01	2.01	0.033
Banval 4L	Pints	0.38	4.16	4.16	0.069
2,4-D 5.7E	Pints	1.08	2.80	2.80	0.047
Nitrogen, Dry (act.)	Pounds	82.80	14.82	14.82	0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.112
Ally 60DF	Ounces	0.07	1.58	1.58	0.026
Surfactant	Ounces	1.06	0.15	0.15	0.002
Aerial Spraying	Acres	0.20	0.75	0.75	0.013
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00	0.150
Material Cost Total			86.66	86.66	1.444
Labor Used					
Machinery Labor	Hours	0.35	4.08	4.08	0.068
Other Labor	Hours	0.03	0.29	0.29	0.005
Labor Cost Total			4.37	4.37	0.073
Fuels Used - Diesel					
	Gallons	1.30	1.36	1.36	0.023
Fuel Cost Total			1.36	1.36	0.023

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	7.92		7.92	0.132
2.2 Operating Cost	4.57		4.57	0.076
2.3 Total Machinery Cost		12.49	12.49	0.208
3. Materials Cost				
3.1 Materials	86.66		86.66	1.444
3.2 Fuel Cost	1.36		1.36	0.023
3.3 Labor Wages	4.37		4.37	0.073
3.4 Total Materials Cost		92.39	92.39	1.540
4. Capital Costs		7.94	7.94	0.132
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		40.00	40.00	0.667
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		160.92	160.92	2.68
Net Profit or Loss		1.08	1.08	0.02

Scenario 01

No Crop Drying Planned

Budget , WC WW CC NT 45.00 Bushels of Wheat, Winter, West
Land is 1 acres of West Central SD at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
09/05/00	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.020
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.008
	Roundup 3L	12.0 Ounces				3.84	3.84	0.085
	Barvel 4L	0.3 Pints				2.78	2.78	0.062
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.010
09/10/00	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.021
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.020
	Nitrogen, Dry (act.)	62.1 Pounds				11.12	11.12	0.247
	18-46-0 (DAP)	54.8 Pounds				7.34	7.34	0.163
09/15/00	Tractor 190 hp	0.1 Hrs(1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.078
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.141
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.150
05/01/01	Tractor 060 hp	0.0 Hrs(0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.013
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.006
	Ally 60DF	0.1 Ounces				1.58	1.58	0.035
	Surfactant	1.1 Ounces				0.15	0.15	0.003
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.012
06/15/01	Custom Spraying	0.0 Hrs(0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.017
	Parathion	0.1 Pounds				0.25	0.25	0.006
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs(1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.356
	Trucking, \$0.15/bu	45.0 Bushels				6.75	6.75	0.150
TOTAL Machinery Cost						13.81	13.81	0.307
TOTAL Input Cost						58.30	58.30	1.296
TOTAL Budget Cost						72.11	72.11	1.603

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
09/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.028
09/10/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.041
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.220
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.018
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			1.55	2.05	4.90	2.80	2.51	13.81	0.307

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Roundup 3L	Ounces	12.00	3.84	3.84 0.085
Banvel 4L	Pints	0.25	2.78	2.78 0.062
Ammonium Sulfate	Pounds	0.10	0.02	0.02 0.000
X-77	Pints	0.20	0.45	0.45 0.010
Nitrogen, Dry (act.)	Pounds	62.10	11.12	11.12 0.247
18-46-0 (DAP)	Pounds	54.80	7.34	7.34 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.150
Ally 60DF	Ounces	0.07	1.58	1.58 0.035
Surfactant	Ounces	1.06	0.15	0.15 0.003
2,4-D 5.7E	Pints	0.20	0.53	0.53 0.012
Aerial Spraying	Pints	0.20	0.75	0.75 0.017
Parathion	Pounds	0.10	0.25	0.25 0.006
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.356
Trucking, \$0.15/bu	Bushels	45.00	6.75	6.75 0.150
Material Cost Total			58.30	58.30 1.296
Labor Used				
Machinery Labor	Hours	0.20	2.35	2.35 0.052
Other Labor	Hours	0.02	0.17	0.17 0.004
Labor Cost Total			2.51	2.51 0.056
Fuels Used				
Diesel	Gallons	0.94	0.99	0.99 0.022
Fuel Cost Total			0.99	0.99 0.022

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	121.50			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		121.50	121.50	2.700
2. Machinery Cost				
2.1 Ownership Cost	6.45		6.45	0.143
2.2 Operating Cost	3.86		3.86	0.086
2.3 Total Machinery Cost		10.31	10.31	0.229
3. Materials Cost				
3.1 Materials	58.30		58.30	1.296
3.2 Fuel Cost	0.99		0.99	0.022
3.3 Labor Wages	2.51		2.51	0.056
3.4 Total Materials Cost		61.80	61.80	1.373
4. Capital Costs		4.04	4.04	0.090
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		24.80	24.80	0.551
7. Management Fees		6.07	6.07	0.135
Gross Revenues		121.50	121.50	2.70
Total Costs		107.03	107.03	2.38
Net Profit or Loss		14.47	14.47	0.32

Scenario 01

No Crop Drying Planned

Budget NW-342-4303, SW WW MECH FALLOW 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of SWSD w/SFallow at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
07/20/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
10/01/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.048 0.031
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/05/00	Tractor 060 hp Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry (act.) 18-46-0 (DAP)	0.0 Hrs(1.0 Times) 82.8 Pounds 73.0 Pounds	0.19 0.00	0.23 1.50	0.53 0.04	0.95 1.54 14.82 9.78	0.95 1.54 14.82 9.78	0.016 0.026 0.247 0.163
09/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel 4 Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.042 0.073 0.112
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' Ally 60DF Surfactant 2,4-D 5.7E	0.0 Hrs(0.7 Times) 0.1 Ounces 1.1 Ounces 0.2 Pints	0.11 0.15	0.13 0.06	0.30 0.02	0.54 0.23 1.58 0.15 0.53	0.54 0.23 1.58 0.15 0.53	0.009 0.004 0.026 0.002 0.009
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.013 0.004
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 60.0 Bushels	0.00	0.00	0.00	0.00 16.00 9.00	0.00 16.00 9.00	0.000 0.267 0.150
TOTAL Machinery Cost						24.29	24.29	0.405
TOTAL Input Cost						59.61	59.61	0.994
TOTAL Budget Cost						83.90	83.90	1.398

II. Production Activities Report

Date	Operation Description	Perform-ance rate Acres/hr	Owner-ship	Power Unit Oper-ating	Machinery Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Cost Per Unit
Pre-Harvest Activities									
07/20/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
10/01/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71	0.078
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49	0.041
09/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90	0.115
05/01/01	Sprayer Pull Type, 50'	27.576	0.11	0.13	0.15	0.06	0.32	0.77	0.013
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			3.31	5.36	5.97	5.17	4.47	24.29	0.405

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	82.80	14.82	14.82 0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.112
Ally 60DF	Ounces	0.07	1.58	1.58 0.026
Surfactant	Ounces	1.06	0.15	0.15 0.002
2,4-D 5.7E	Pints	0.20	0.53	0.53 0.009
Aerial Spraying	Acres	0.20	0.75	0.75 0.013
Parathion	Pounds	0.10	0.25	0.25 0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00 0.150
Material Cost Total			59.61	59.61 0.994
Labor Used				
Machinery Labor	Hours	0.36	4.18	4.18 0.070
Other Labor	Hours	0.03	0.30	0.30 0.005
Labor Cost Total			4.47	4.47 0.075
Fuels Used				
Diesel	Gallons	3.08	3.23	3.23 0.054
Fuel Cost Total			3.23	3.23 0.054

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	9.29		9.29	0.155
2.2 Operating Cost	7.29		7.29	0.122
2.3 Total Machinery Cost		16.58	16.58	0.276
3. Materials Cost				
3.1 Materials	59.61		59.61	0.994
3.2 Fuel Cost	3.23		3.23	0.054
3.3 Labor Wages	4.47		4.47	0.075
3.4 Total Materials Cost		67.32	67.32	1.122
4. Capital Costs		5.14	5.14	0.086
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		40.00	40.00	0.667
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		137.14	137.14	2.29
Net Profit or Loss		24.86	24.86	0.41

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, SW WW CF NT 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of SWSD w/SFallow at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.053
	2,4-D 5.7E	0.3 Pints				0.77	0.77	0.013
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.085
	Barvel 4L	0.3 Pints				2.78	2.78	0.046
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.021
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.3 Pints				0.80	0.80	0.013
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
09/05/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.032
	Barvel 4L	0.1 Pints				1.39	1.39	0.023
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	0.1 Pints				0.22	0.22	0.004
09/12/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.016
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.015
	Nitrogen, Dry (act.)	82.8 Pounds				14.82	14.82	0.247
	18-46-0 (DAP)	73.0 Pounds				9.78	9.78	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.059
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.106
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.112
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.010
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.004
	Ally 60DF	0.1 Ounces				1.58	1.58	0.026
	Surfactant	1.1 Ounces				0.15	0.15	0.002
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.009
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.013
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.267
	Trucking, \$0.15/bu	60.0 Bushels				9.00	9.00	0.150
TOTAL Machinery Cost						18.22	18.22	0.304
TOTAL Input Cost						86.66	86.66	1.444
TOTAL Budget Cost						104.88	104.88	1.748

II. Production Activities Report

Production Activities Report		Perform-	Power Unit	Machinery				
Date	Operation Description	ance rate Acres/hr	Own- ship	Opera- ting	Own- ship	Opera- ting	Labor Cost	Cost Per Acres Unit
Pre-Harvest Activities								
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26 0.021
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26 0.021
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26 0.021
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26 0.021
09/05/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63 0.010
09/12/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83 0.031
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89 0.165
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83 0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00 0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00 0.000
Total Machinery Cost of Operations			2.16	2.78	5.75	3.16	4.37	18.22 0.304

III. Material Usage Report

Material	Units	Quantity	Total Costs	Cost Per	
				Acres	Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.299
2,4-D 5.7E	Pints	1.31	3.39	3.39	0.057
Ammonium Sulfate	Pounds	0.45	0.09	0.09	0.002
X-77	Pints	0.90	2.01	2.01	0.033
Banvel 4L	Pints	0.38	4.16	4.16	0.069
Nitrogen, Dry (act.)	Pounds	82.80	14.82	14.82	0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.112
Ally 60DF	Ounces	0.07	1.58	1.58	0.026
Surfactant	Ounces	1.06	0.15	0.15	0.002
Aerial Spraying	Acres	0.20	0.75	0.75	0.013
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00	0.150
Material Cost Total			86.66	86.66	1.444
Labor Used					
Machinery Labor	Hours	0.35	4.08	4.08	0.068
Other Labor	Hours	0.03	0.29	0.29	0.005
Labor Cost Total			4.37	4.37	0.073
Fuels Used					
Diesel	Gallons	1.30	1.36	1.36	0.023
Fuel Cost Total			1.36	1.36	0.023

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	7.92		7.92	0.132
2.2 Operating Cost	4.57		4.57	0.076
2.3 Total Machinery Cost		12.49	12.49	0.208
3. Materials Cost				
3.1 Materials	86.66		86.66	1.444
3.2 Fuel Cost	1.36		1.36	0.023
3.3 Labor Wages	4.37		4.37	0.073
3.4 Total Materials Cost		92.39	92.39	1.540
4. Capital Costs		7.95	7.95	0.132
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		40.00	40.00	0.667
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		160.92	160.92	2.68
Net Profit or Loss		1.08	1.08	0.02

Scenario 01

No Crop Drying Planned

Budget , SW WW CC NT 45.00 Bushels of Wheat, Winter, West
Land is 1 acres of Southwest SD at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.020
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.008
	Roundup RT 3L	0.8 Pints				4.03	4.03	0.090
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.022
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.010
09/10/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.021
	Fertilizer Sprd. 40 Ft. & Nitrogen, Dry (act.)	62.1 Pounds	0.58	0.26	0.04	0.88	0.88	0.020
	18-46-0 (DAP)	54.8 Pounds				11.12	11.12	0.247
						7.34	7.34	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.078
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.141
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.150
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.013
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.006
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.012
	Ally 60DF	0.1 Ounces				1.58	1.58	0.035
	Surfactant	1.1 Ounces				0.15	0.15	0.003
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.017
	Parathion	0.1 Pounds				0.25	0.25	0.006
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.356
	Trucking, \$0.15/bu	45.0 Bushels				6.75	6.75	0.150
	TOTAL Machinery Cost					13.81	13.81	0.307
	TOTAL Input Cost					56.70	56.70	1.260
	TOTAL Budget Cost					70.51	70.51	1.567

II. Production Activities Report

Date	Operation Description	Performance rate Acres/hr	Power Unit Owner-ship	Oper-ating	Machinery Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.028
09/10/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.041
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.220
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.018
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			1.55	2.05	4.90	2.80	2.51	13.81	0.307

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Roundup RT 3L	Pints	0.75	4.03	4.03 0.090
2,4-D 5.7E	Pints	0.58	1.51	1.51 0.034
Ammonium Sulfate	Pounds	0.10	0.02	0.02 0.000
X-77	Pints	0.20	0.45	0.45 0.010
Nitrogen, Dry (act.)	Pounds	62.10	11.12	11.12 0.247
18-46-0 (DAP)	Pounds	54.80	7.34	7.34 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.150
Ally 60DF	Ounces	0.07	1.58	1.58 0.035
Surfactant	Ounces	1.06	0.15	0.15 0.003
Aerial Spraying	Acres	0.20	0.75	0.75 0.017
Parathion	Pounds	0.10	0.25	0.25 0.006
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.356
Trucking, \$0.15/bu	Bushels	45.00	6.75	6.75 0.150
Material Cost Total			56.70	56.70 1.260
Labor Used				
Machinery Labor	Hours	0.20	2.35	2.35 0.052
Other Labor	Hours	0.02	0.17	0.17 0.004
Labor Cost Total			2.51	2.51 0.056
Fuels Used				
Diesel	Gallons	0.94	0.99	0.99 0.022
Fuel Cost Total			0.99	0.99 0.022

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	121.50			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		121.50	121.50	2.700
2. Machinery Cost				
2.1 Ownership Cost	6.45		6.45	0.143
2.2 Operating Cost	3.86		3.86	0.086
2.3 Total Machinery Cost		10.31	10.31	0.229
3. Materials Cost				
3.1 Materials	56.70		56.70	1.260
3.2 Fuel Cost	0.99		0.99	0.022
3.3 Labor Wages	2.51		2.51	0.056
3.4 Total Materials Cost		60.20	60.20	1.338
4. Capital Costs		3.93	3.93	0.087
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		24.80	24.80	0.551
7. Management Fees		6.07	6.07	0.135
Gross Revenues		121.50	121.50	2.70
Total Costs		105.32	105.32	2.34
Net Profit or Loss		16.18	16.18	0.36

Scenario 01

No Crop Drying Planned

Budget , NC WW MF, 66.00 Bushels of Wheat, Winter, East
Land is 1 acres of NCSD w/S Fallow at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
07/30/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.043 0.028
10/01/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.018 0.010
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.018 0.010
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.018 0.010
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.018 0.010
09/05/00	Tractor 060 hp Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry (act.) 18-46-0 (DAP)	0.0 Hrs(1.0 Times) 91.0 Pounds 80.4 Pounds	0.19 0.00	0.23 1.50	0.53 0.04	0.95 1.54 16.29 10.77	0.95 1.54 16.29 10.77	0.014 0.023 0.247 0.163
09/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.018 0.010
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel 4 Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.038 0.066 0.102
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' Ally 60DF 2,4-D 5.7% Surfactant	0.0 Hrs(0.7 Times) 0.1 Ounces 0.2 Pints 1.1 Ounces	0.12 0.16	0.14 0.07	0.33 0.02	0.58 0.25 1.58 0.53 0.15	0.58 0.25 1.58 0.53 0.15	0.009 0.004 0.024 0.008 0.002
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.011 0.004
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 66.0 Bushels	0.00	0.00	0.00	0.00 16.00 9.90	0.00 16.00 9.90	0.000 0.242 0.150
TOTAL Machinery Cost						24.35	24.35	0.369
TOTAL Input Cost						62.97	62.97	0.954
TOTAL Budget Cost						87.32	87.32	1.323

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
07/30/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71	0.071
10/01/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.029
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.029
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.029
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.029
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49	0.038
09/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.029
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90	0.104
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.013
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			3.32	5.37	5.98	5.17	4.50	24.35	0.369

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	91.00	16.29	16.29 0.247
18-46-0 (DAP)	Pounds	80.40	10.77	10.77 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.102
Ally 60DF	Ounces	0.07	1.58	1.58 0.024
2,4-D 5.7E	Pints	0.20	0.53	0.53 0.008
Surfactant	Ounces	1.06	0.15	0.15 0.002
Aerial Spraying	Acres	0.20	0.75	0.75 0.011
Parathion	Pounds	0.10	0.25	0.25 0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.242
Trucking, \$0.15/bu	Bushels	66.00	9.90	9.90 0.150
Material Cost Total			62.97	62.97 0.954
Labor Used				
Machinery Labor	Hours	0.37	4.20	4.20 0.064
Other Labor	Hours	0.03	0.30	0.30 0.005
Labor Cost Total			4.50	4.50 0.068
Fuels Used				
Diesel	Gallons	3.08	3.24	3.24 0.049
Fuel Cost Total			3.24	3.24 0.049
				Cost Cost

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	190.08			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		190.08	190.08	2.880
2. Machinery Cost				
2.1 Ownership Cost	9.30		9.30	0.141
2.2 Operating Cost	7.30		7.30	0.111
2.3 Total Machinery Cost		16.61	16.61	0.252
3. Materials Cost				
3.1 Materials	62.97		62.97	0.954
3.2 Fuel Cost	3.24		3.24	0.049
3.3 Labor Wages	4.50		4.50	0.068
3.4 Total Materials Cost		70.71	70.71	1.071
4. Capital Costs		5.57	5.57	0.084
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		75.00	75.00	1.136
7. Management Fees		9.50	9.50	0.144
Gross Revenues		190.08	190.08	2.88
Total Costs		177.39	177.39	2.69
Net Profit or Loss		12.69	12.69	0.19

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, NC WW CF NT 66.00 Bushels of Wheat, Winter, East
Land is 1 acres of NCSD w/s Fallow at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acres	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.013
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.048
	2,4-D 5.7E	0.3 Pints				0.77	0.77	0.012
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.013
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.078
	Banvel 4L	0.3 Pints				2.78	2.78	0.042
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.013
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.058
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.020
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.013
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.058
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.015
	Ammonium Sulfate	1.0 Pounds				0.20	0.20	0.003
	X-77	0.2 Pints				0.45	0.45	0.007
09/10/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.029
	Banvel 4L	0.1 Pints				1.39	1.39	0.021
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	1.0 Pints				2.23	2.23	0.034
09/14/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.014
	Fertiliser Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.013
	Nitrogen, Dry (act.)	91.1 Pounds				16.31	16.31	0.247
	18-46-0 (DAP)	80.4 Pounds				10.77	10.77	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.054
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.096
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.102
05/01/01	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.013
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	2,4-D 5.7E	0.3 Pints				0.80	0.80	0.012
	Ally 60DF	0.1 Ounces				2.40	2.40	0.036
	Surfactant	1.6 Ounces				0.22	0.22	0.003
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.011
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.242
	Trucking, \$0.15/bu	66.0 Bushels				9.90	9.90	0.150
TOTAL Machinery Cost						18.65	18.65	0.283
TOTAL Input Cost						93.57	93.57	1.418
TOTAL Budget Cost						112.21	112.21	1.700

II. Production Activities Report

Date	Operation Description	Performance rate Acres/hr	Power Owner- ship	Unit Opera- ting	Machinery Owner- ship	Opera- ting	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.019
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.019
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.019
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.019
09/10/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.010
09/14/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.028
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.150
05/01/01	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.019
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			2.22	2.85	5.84	3.19	4.55	18.65	0.283

III. Material Usage Report

Material	Units	Quantity	Total Costs	Cost Per Acre	Per Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.272
2,4-D 5.7E	Pints	1.49	3.84	3.84	0.058
Ammonium Sulfate	Pounds	1.35	0.27	0.27	0.004
X-77	Pints	1.80	4.01	4.01	0.061
Banvel 4L	Pints	0.38	4.16	4.16	0.063
Nitrogen, Dry (act.)	Pounds	91.10	16.31	16.31	0.247
18-46-0 (DAP)	Pounds	80.40	10.77	10.77	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.102
Ally 60DF	Ounces	0.10	2.40	2.40	0.036
Surfactant	Ounces	1.60	0.22	0.22	0.003
Aerial Spraying	Acres	0.20	0.75	0.75	0.011
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.242
Trucking, \$0.15/bu	Bushels	66.00	9.90	9.90	0.150
Material Cost Total			93.57	93.57	1.418
Labor Used					
Machinery Labor	Hours	0.37	4.25	4.25	0.064
Other Labor	Hours	0.03	0.30	0.30	0.005
Labor Cost Total			4.55	4.55	0.069
Fuels Used					
Diesel	Gallons	1.34	1.40	1.40	0.021
Fuel Cost Total			1.40	1.40	0.021

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	190.08			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		190.08	190.08	2.880
2. Machinery Cost				
2.1 Ownership Cost	8.06		8.06	0.122
2.2 Operating Cost	4.64		4.64	0.070
2.3 Total Machinery Cost		12.70	12.70	0.192
3. Materials Cost				
3.1 Materials	93.57		93.57	1.418
3.2 Fuel Cost	1.40		1.40	0.021
3.3 Labor Wages	4.55		4.55	0.069
3.4 Total Materials Cost		99.51	99.51	1.508
4. Capital Costs		8.44	8.44	0.128
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		75.00	75.00	1.136
7. Management Fees		9.50	9.50	0.144
Gross Revenues				
		190.08	190.08	2.880
Total Costs				
		205.15	205.15	3.11
Net Profit or Loss				
		-15.07	-15.07	-0.23

Scenario 01

No Crop Drying Planned

Budget SD-500-, NC WW CC CT, 50.00 Bushels of Wheat, Winter, East
Land is 1 acres of North Central SD at Owned, Conventional Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
08/10/00	Tractor 160 hp	0.0 Hrs(1.0 Times)	0.49	0.68	0.53	1.70	1.70	0.034
	Rent Fert. Sprd. 40 Ft. &		0.00	1.50	0.04	1.54	1.54	0.031
	Nitrogen, Dry	69.0 Pounds				12.35	12.35	0.247
	18-46-0 (DAP)	60.9 Pounds				8.16	8.16	0.163
09/10/00	Tractor 160 hp	0.0 Hrs(1.0 Times)	0.58	0.80	0.63	2.00	2.00	0.040
	Field Cultivator 28'		0.57	0.25	0.04	0.86	0.86	0.017
09/15/00	Tractor 160 hp	0.1 Hrs(1.0 Times)	1.10	1.53	1.19	3.82	3.82	0.076
	Grain Drill 25 Ft		2.17	1.19	0.08	3.45	3.45	0.069
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.135
05/01/01	Custom Spraying	0.0 Hrs(1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Spraying	1.0 Acres				3.40	3.40	0.068
	2,4-D 5.7E	0.3 Pints				0.80	0.80	0.016
	Ally 60DF	0.1 Ounces				2.40	2.40	0.048
06/15/01	Custom Spraying	0.0 Hrs(0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.015
	Parathion	1.0 Pounds				2.50	2.50	0.050
07/10/01	Custom Combine, \$16/ac.	0.0 Hrs(1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.320
	Trucking, \$0.15/bu	50.0 Bushels				7.50	7.50	0.150
08/04/01	Tractor 160 hp	0.1 Hrs(1.0 Times)	1.26	1.76	1.37	4.39	4.39	0.088
	Chisel Plow, 19'		0.83	0.51	0.10	1.45	1.45	0.029
TOTAL Machinery Cost						19.21	19.21	0.384
TOTAL Input Cost						60.61	60.61	1.212
TOTAL Budget Cost						79.82	79.82	1.596

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
08/10/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.49	0.68	0.00	1.50	0.57	3.24	0.065
09/10/00	Field Cultivator 28'	20.194	0.58	0.80	0.57	0.25	0.67	2.87	0.057
09/15/00	Grain Drill 25 Ft	10.606	1.10	1.53	2.17	1.19	1.28	7.26	0.145
05/01/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/10/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
08/04/01	Chisel Plow, 19'	9.212	1.26	1.76	0.83	0.51	1.47	5.84	0.117
Total Machinery Cost of Operations			3.43	4.76	3.57	3.46	3.99	19.21	0.384

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per ---	
				Acre	Unit
Materials Used					
Nitrogen, Dry	Pounds	69.00	12.35	12.35	0.247
18-46-0 (DAP)	Pounds	60.90	8.16	8.16	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.135
Custom Spraying	Acres	1.00	3.40	3.40	0.068
2,4-D 5.7E	Pints	0.31	0.80	0.80	0.016
Ally 60DF	Ounces	0.10	2.40	2.40	0.048
Aerial Spraying	Acres	0.20	0.75	0.75	0.015
Parathion	Pounds	1.00	2.50	2.50	0.050
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.320
Trucking, \$0.15/bu	Bushels	50.00	7.50	7.50	0.150
Material Cost Total			60.61	60.61	1.212
Labor Used					
Machinery Labor	Hours	0.32	3.73	3.73	0.075
Other Labor	Hours	0.03	0.27	0.27	0.005
Labor Cost Total			3.99	3.99	0.080
Fuels Used					
Diesel	Gallons	2.07	2.18	2.18	0.044
Fuel Cost Total			2.18	2.18	0.044

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	144.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		144.00	144.00	2.880
2. Machinery Cost				
2.1 Ownership Cost	7.00		7.00	0.140
2.2 Operating Cost	6.04		6.04	0.121
2.3 Total Machinery Cost		13.04	13.04	0.261
3. Materials Cost				
3.1 Materials	60.61		60.61	1.212
3.2 Fuel Cost	2.18		2.18	0.044
3.3 Labor Wages	3.99		3.99	0.080
3.4 Total Materials Cost		66.78	66.78	1.336
4. Capital Costs		4.02	4.02	0.080
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		52.00	52.00	1.040
7. Management Fees		7.20	7.20	0.144
Gross Revenues		144.00	144.00	2.88
Total Costs		143.05	143.05	2.86
Net Profit or Loss		0.95	0.95	0.02

Scenario 01

No Crop Drying Planned

Budget NW-342-4303, C WW MF, 60.00 Bushels of Wheat, Winter, East
Land is 1 acres of Central SD w/SFALLOW at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
07/20/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.048 0.031
10/01/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/10/00	Tractor 060 hp Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry (act.) 18-46-0 (DAP)	0.0 Hrs(1.0 Times) 82.9 Pounds 73.0 Pounds	0.19 0.00	0.23 1.50	0.53 0.04	0.95 1.54 14.84 9.78	0.95 1.54 14.84 9.78	0.016 0.026 0.247 0.163
09/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel 4 Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.042 0.073 0.112
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' 2,4-D 5.7E Ally 60DF Surfactant	0.0 Hrs(0.7 Times) 0.2 Pints 0.1 Ounces 1.1 Ounces	0.12 0.16	0.14 0.07	0.33 0.02	0.58 0.25 0.53 1.58 0.15	0.58 0.25 0.53 1.58 0.15	0.010 0.004 0.009 0.026 0.002
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.013 0.004
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 60.0 Bushels	0.00	0.00	0.00	0.00 16.00 9.00	0.00 16.00 9.00	0.000 0.267 0.150
TOTAL Machinery Cost						24.35	24.35	0.406
TOTAL Input Cost						59.63	59.63	0.994
TOTAL Budget Cost						83.98	83.98	1.400

II. Production Activities Report

Date	Operation Description	Performance rate Acres/hr	Power Unit Owner-ship	Oper-ating	Machinery Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
07/20/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71	0.078
10/01/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/10/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49	0.041
09/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90	0.115
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			3.32	5.37	5.98	5.17	4.50	24.35	0.406

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	82.90	14.84	14.84 0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.112
2,4-D 5.7E	Pints	0.20	0.53	0.53 0.009
Ally 60DF	Ounces	0.07	1.58	1.58 0.026
Surfactant	Ounces	1.06	0.15	0.15 0.002
Aerial Spraying	Acres	0.20	0.75	0.75 0.013
Parathion	Pounds	0.10	0.25	0.25 0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.267
Trucking, \$0.15/bu	Busbels	60.00	9.00	9.00 0.150
Material Cost Total			59.63	59.63 0.994

Material	Units	Quantity	Costs	Acres	Unit
Labor Used					
Machinery Labor	Hours	0.37	4.20	4.20	0.070
Other Labor	Hours	0.03	0.30	0.30	0.005
Labor Cost Total			4.50	4.50	0.075
Fuels Used					
Diesel	Gallons	3.08	3.24	3.24	0.054
Fuel Cost Total			3.24	3.24	0.054

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	172.80			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		172.80	172.80	2.880
2. Machinery Cost				
2.1 Ownership Cost	9.30		9.30	0.155
2.2 Operating Cost	7.30		7.30	0.122
2.3 Total Machinery Cost		16.61	16.61	0.277
3. Materials Cost				
3.1 Materials	59.63		59.63	0.994
3.2 Fuel Cost	3.24		3.24	0.054
3.3 Labor Wages	4.50		4.50	0.075
3.4 Total Materials Cost		67.37	67.37	1.123
4. Capital Costs		7.33	7.33	0.122
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		67.60	67.60	1.127
7. Management Fees		8.64	8.64	0.144
Gross Revenues		172.80	172.80	2.88
Total Costs		167.55	167.55	2.79
Net Profit or Loss		5.25	5.25	0.09

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, C WW CF NT, 60.00 Bushels of Wheat, Winter, East
Land is 1 acres of Central SD w/SFALLOW at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.053
	2,4-D 5.7E	0.3 Pints				0.77	0.77	0.013
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.085
	Banvel 4L	0.3 Pints				2.78	2.78	0.046
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.021
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.016
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
09/10/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.032
	Banvel 4L	0.1 Pints				1.39	1.39	0.023
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	0.1 Pints				0.22	0.22	0.004
09/12/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.016
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.015
	Nitrogen, Dry (act.)	82.9 Pounds				14.84	14.84	0.247
	18-46-0 (DAP)	73.0 Pounds				9.78	9.78	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.059
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.106
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.112
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.010
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.004
	Ally 60DF	0.1 Ounces				1.58	1.58	0.026
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.009
	Surfactant	1.1 Ounces				0.15	0.15	0.002
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.013
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.267
	Trucking, \$0.15/bu	60.0 Bushels				9.00	9.00	0.150
TOTAL Machinery Cost						18.22	18.22	0.304
TOTAL Input Cost						86.85	86.85	1.448
TOTAL Budget Cost						105.07	105.07	1.751

II. Production Activities Report

Date	Operation Description	Performance rate Acres/hr	Power Unit Ownership	Operating	Machinery Ownership	Operating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
09/10/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.010
09/12/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.031
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.165
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			2.16	2.78	5.75	3.16	4.37	18.22	0.304

III. Material Usage Report

Material	Units	Quantity	Total Costs	Cost Per Acre	Per Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.299
2,4-D 5.7E	Pints	1.38	3.57	3.57	0.060
Ammonium Sulfate	Pounds	0.45	0.09	0.09	0.002
X-77	Pints	0.90	2.01	2.01	0.033
Banval 4L	Pints	0.38	4.16	4.16	0.069
Nitrogen, Dry (act.)	Pounds	82.90	14.84	14.84	0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.112
Ally 60DF	Ounces	0.07	1.58	1.58	0.026
Surfactant	Ounces	1.06	0.15	0.15	0.002
Aerial Spraying	Acres	0.20	0.75	0.75	0.013
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00	0.150
Material Cost Total			86.85	86.85	1.448
Labor Used					
Machinery Labor	Hours	0.35	4.08	4.08	0.068
Other Labor	Hours	0.03	0.29	0.29	0.005
Labor Cost Total			4.37	4.37	0.073
Fuels Used					
Diesel	Gallons	1.30	1.36	1.36	0.023
Fuel Cost Total			1.36	1.36	0.023

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	172.80			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		172.80	172.80	2.880
2. Machinery Cost				
2.1 Ownership Cost	7.92		7.92	0.132
2.2 Operating Cost	4.57		4.57	0.076
2.3 Total Machinery Cost		12.49	12.49	0.208
3. Materials Cost				
3.1 Materials	86.85		86.85	1.448
3.2 Fuel Cost	1.36		1.36	0.023
3.3 Labor Wages	4.37		4.37	0.073
3.4 Total Materials Cost		92.59	92.59	1.543
4. Capital Costs		7.96	7.96	0.133
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		67.60	67.60	1.127
7. Management Fees		8.64	8.64	0.144
Gross Revenues		172.80	172.80	2.88
Total Costs		189.28	189.28	3.15
Net Profit or Loss		-16.48	-16.48	-0.27

Budget SD-500-, C WW CC CT, 45.00 Bushels of Wheat, Winter, East
Land is 1 acres of Central SD at Owned, Conv Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
09/05/00	Tractor 160 hp	0.0 Hrs (1.0 Times)	0.49	0.68	0.53	1.70	1.70	0.038
	Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry	61.1 Pounds	0.00	1.50	0.04	1.54	1.54	0.034
	18-46-0 (DAP)	54.8 Pounds				10.94	10.94	0.243
						7.34	7.34	0.163
09/10/00	Tractor 160 hp	0.0 Hrs (1.0 Times)	0.58	0.80	0.63	2.00	2.00	0.045
	Field Cultivator 28'		0.57	0.25	0.04	0.86	0.86	0.019
09/15/00	Tractor 160 hp	0.1 Hrs (1.0 Times)	1.10	1.53	1.19	3.82	3.82	0.085
	Grain Drill 25 Ft		2.17	1.19	0.08	3.45	3.45	0.077
	Seed, Certified, WW	60.0 Pounds				4.50	4.50	0.100
05/01/01	Custom Spraying	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Spraying	1.0 Acres				3.40	3.40	0.076
	2,4-D 3.8L Amine	0.8 Pints				1.25	1.25	0.028
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.017
	Parathion	1.0 Pounds				2.50	2.50	0.056
07/10/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.356
	Trucking, \$0.15/bu	45.0 Bushels				6.75	6.75	0.150
08/04/01	Tractor 160 hp	0.1 Hrs (1.0 Times)	1.26	1.76	1.37	4.39	4.39	0.098
	Chisel Plow, 19'		0.83	0.51	0.10	1.45	1.45	0.032
	TOTAL Machinery Cost					19.21	19.21	0.427
	TOTAL Input Cost					53.43	53.43	1.187
	TOTAL Budget Cost					72.64	72.64	1.614

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.49	0.68	0.00	1.50	0.57	3.24	0.072
09/10/00	Field Cultivator 28'	20.194	0.58	0.80	0.57	0.25	0.67	2.87	0.064
09/15/00	Grain Drill 25 Ft	10.606	1.10	1.53	2.17	1.19	1.28	7.26	0.161
05/01/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/10/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
08/04/01	Chisel Plow, 19'	9.212	1.26	1.76	0.83	0.51	1.47	5.84	0.130
Total Machinery Cost of Operations			3.43	4.76	3.57	3.46	3.99	19.21	0.427

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acres Unit
Materials Used				
Nitrogen, Dry	Pounds	61.10	10.94	10.94 0.243
18-46-0 (DAP)	Pounds	54.80	7.34	7.34 0.163
Seed, Certified, WW	Pounds	60.00	4.50	4.50 0.100
Custom Spraying	Acres	1.00	3.40	3.40 0.076
2,4-D 3.8L Amine	Pints	0.75	1.25	1.25 0.028
Aerial Spraying	Acres	0.20	0.75	0.75 0.017
Parathion	Pounds	1.00	2.50	2.50 0.056
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.356
Trucking, \$0.15/bu	Bushels	45.00	6.75	6.75 0.150
Material Cost Total			53.43	53.43 1.187
Labor Used				
Machinery Labor	Hours	0.32	3.73	3.73 0.083
Other Labor	Hours	0.03	0.27	0.27 0.006
Labor Cost Total			3.99	3.99 0.089
Fuels Used				
Diesel	Gallons	2.07	2.18	2.18 0.048
Fuel Cost Total			2.18	2.18 0.048

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	129.60			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		129.60	129.60	2.880
2. Machinery Cost				
2.1 Ownership Cost	7.00		7.00	0.156
2.2 Operating Cost	6.04		6.04	0.134
2.3 Total Machinery Cost		13.04	13.04	0.290
3. Materials Cost				
3.1 Materials	53.43		53.43	1.187
3.2 Fuel Cost	2.18		2.18	0.048
3.3 Labor Wages	3.99		3.99	0.089
3.4 Total Materials Cost		59.60	59.60	1.324
4. Capital Costs		3.35	3.35	0.075
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		43.60	43.60	0.969
7. Management Fees		6.48	6.48	0.144
Gross Revenues		129.60	129.60	2.88
Total Costs		126.07	126.07	2.80
Net Profit or Loss		3.53	3.53	0.08

Scenario 01

No Crop Drying Planned

Budget NW-342-4303, SC WW MF, 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of SCSD w/SFallow at Owned, field cult+chis Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
07/30/99	Tractor 250 hp 4Wd,heavy Chisel Plow, 31'	0.1 Hrs(1.0 Times)	0.76 1.28	1.26 0.50	0.84 0.06	2.86 1.84	2.86 1.84	0.048 0.031
10/01/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
08/09/00	Tractor 060 hp Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry (act.) 18-46-0 (DAP)	0.0 Hrs(1.0 Times) 82.9 Pounds 73.0 Pounds	0.19 0.00	0.23 1.50	0.53 0.04	0.95 1.54 14.84 9.78	0.95 1.54 14.84 9.78	0.016 0.026 0.247 0.163
08/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	0.020 0.012
09/15/00	Tractor 250 hp 4Wd,heavy Grain Drill Press Wheel & Seed, Certified, WW	0.1 Hrs(1.0 Times) 90.0 Pounds	0.67 2.84	1.12 1.46	0.75 0.05	2.54 4.36 6.75	2.54 4.36 6.75	0.042 0.073 0.112
05/01/01	Tractor 060 hp Sprayer Pull Type, 50' 2,4-D 3.8E Ally 60DF Surfactant	0.0 Hrs(0.7 Times) 0.2 Pints 0.1 Ounces 1.1 Ounces	0.12 0.16	0.14 0.07	0.33 0.02	0.58 0.25 0.33 1.58 0.15	0.58 0.25 0.33 1.58 0.15	0.010 0.004 0.005 0.026 0.002
06/15/01	Custom Spraying Aerial Spraying Parathion	0.0 Hrs(0.2 Times) 0.2 Acres 0.1 Pounds	0.00	0.00	0.00	0.00 0.75 0.25	0.00 0.75 0.25	0.000 0.013 0.004
07/01/01	Custom Combine, \$16/ac. Custom Combine Wheat Trucking, \$0.15/bu	0.0 Hrs(1.0 Times) 1.0 Acres 60.0 Bushels	0.00	0.00	0.00	0.00 16.00 9.00	0.00 16.00 9.00	0.000 0.267 0.150
TOTAL Machinery Cost						24.35	24.35	0.406
TOTAL Input Cost						59.43	59.43	0.991
TOTAL Budget Cost						83.78	83.78	1.396

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
07/30/99	Chisel Plow, 31'	15.030	0.76	1.26	1.28	0.50	0.90	4.71	0.078
10/01/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
08/09/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.00	1.50	0.57	2.49	0.041
08/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	0.031
09/15/00	Grain Drill Press Wheel 40'	16.970	0.67	1.12	2.84	1.46	0.80	6.90	0.115
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			3.32	5.37	5.98	5.17	4.50	24.35	0.406

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	82.90	14.84	14.84 0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.112
2,4-D 3.8E	Pints	0.17	0.33	0.33 0.005
Ally 60DF	Ounces	0.07	1.58	1.58 0.026
Surfactant	Ounces	1.06	0.15	0.15 0.002
Aerial Spraying	Acres	0.20	0.75	0.75 0.013
Parathion	Pounds	0.10	0.25	0.25 0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00 0.150
Material Cost Total			59.43	59.43 0.991
Labor Used				
Machinery Labor	Hours	0.37	4.20	4.20 0.070
Other Labor	Hours	0.03	0.30	0.30 0.005
Labor Cost Total			4.50	4.50 0.075
Fuels Used				
Diesel	Gallons	3.08	3.24	3.24 0.054
Fuel Cost Total			3.24	3.24 0.054

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	9.30		9.30	0.155
2.2 Operating Cost	7.30		7.30	0.122
2.3 Total Machinery Cost		16.61	16.61	0.277
3. Materials Cost				
3.1 Materials	59.43		59.43	0.991
3.2 Fuel Cost	3.24		3.24	0.054
3.3 Labor Wages	4.50		4.50	0.075
3.4 Total Materials Cost		67.17	67.17	1.119
4. Capital Costs		7.59	7.59	0.126
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		61.40	61.40	1.023
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		160.87	160.87	2.68
Net Profit or Loss		1.13	1.13	0.02

Scenario 01

No Crop Drying Planned

Budget NW-312-4303, SC WW CF NT, 60.00 Bushels of Wheat, Winter, West
Land is 1 acres of SCSD w/SFallow at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	10.0 Ounces				3.20	3.20	0.053
	2,4-D 5.7E	0.3 Pints				0.77	0.77	0.013
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
05/05/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	16.0 Ounces				5.12	5.12	0.085
	Banvel 4L	0.3 Pints				2.78	2.78	0.046
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
06/20/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.5 Pints				1.29	1.29	0.021
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.015
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.006
	Roundup 3L	12.0 Ounces				3.84	3.84	0.064
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.016
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.007
09/10/00	Tractor 060 hp	0.0 Hrs (0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.007
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.003
	Roundup 3L	6.0 Ounces				1.92	1.92	0.032
	Banvel 4L	0.1 Pints				1.39	1.39	0.023
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.000
	X-77	0.1 Pints				0.22	0.22	0.004
09/14/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.016
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.015
	Nitrogen, Dry (act.)	82.9 Pounds				14.84	14.84	0.247
	18-46-0 (DAP)	73.0 Pounds				9.78	9.78	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.059
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.106
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.112
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.58	0.58	0.010
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.004
	2,4-D 5.7E	0.2 Pints				0.53	0.53	0.009
	Ally 60DF	0.1 Ounces				1.58	1.58	0.026
	Surfactant	1.1 Ounces				0.15	0.15	0.002
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.013
	Parathion	0.1 Pounds				0.25	0.25	0.004
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.267
	Trucking, \$0.15/bu	60.0 Bushels				9.00	9.00	0.150
TOTAL Machinery Cost						18.22	18.22	0.304
TOTAL Input Cost						86.85	86.85	1.448
TOTAL Budget Cost						105.07	105.07	1.751

II. Production Activities Report

Production Activities Report		Performance rate	--- Power Unit ---		--- Machinery ---		Labor Cost	--- Cost Per ---	
Date	Operation Description	Acres/hr	Ownership	Operating	Ownership	Operating		Acres	Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.021
09/10/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.010
09/14/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.031
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.165
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.83	0.014
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			2.16	2.78	5.75	3.16	4.37	18.22	0.304

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acres	Unit
Materials Used					
Roundup 3L	Ounces	56.00	17.92	17.92	0.299
2,4-D 5.7E	Pints	1.38	3.57	3.57	0.060
Ammonium Sulfate	Pounds	0.45	0.09	0.09	0.002
X-77	Pints	0.90	2.01	2.01	0.033
Banvel 4L	Pints	0.38	4.16	4.16	0.069
Nitrogen, Dry (act.)	Pounds	82.90	14.84	14.84	0.247
18-46-0 (DAP)	Pounds	73.00	9.78	9.78	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.112
Ally 60DF	Ounces	0.07	1.58	1.58	0.026
Surfactant	Ounces	1.06	0.15	0.15	0.002
Aerial Spraying	Acres	0.20	0.75	0.75	0.013
Parathion	Pounds	0.10	0.25	0.25	0.004
Custom Combine Wheat	Acres	1.00	16.00	16.00	0.267
Trucking, \$0.15/bu	Bushels	60.00	9.00	9.00	0.150
Material Cost Total			86.85	86.85	1.448
Labor Used					
Machinery Labor	Hours	0.35	4.08	4.08	0.068
Other Labor	Hours	0.03	0.29	0.29	0.005
Labor Cost Total			4.37	4.37	0.073
Fuels Used					
Diesel	Gallons	1.30	1.36	1.36	0.023
Fuel Cost Total			1.36	1.36	0.023

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	162.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		162.00	162.00	2.700
2. Machinery Cost				
2.1 Ownership Cost	7.92		7.92	0.132
2.2 Operating Cost	4.57		4.57	0.076
2.3 Total Machinery Cost		12.49	12.49	0.208
3. Materials Cost				
3.1 Materials	86.85		86.85	1.448
3.2 Fuel Cost	1.36		1.36	0.023
3.3 Labor Wages	4.37		4.37	0.073
3.4 Total Materials Cost		92.59	92.59	1.543
4. Capital Costs		7.95	7.95	0.132
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		61.40	61.40	1.023
7. Management Fees		8.10	8.10	0.135
Gross Revenues		162.00	162.00	2.70
Total Costs		182.52	182.52	3.04
Net Profit or Loss		-20.52	-20.52	-0.34

Scenario 01

No Crop Drying Planned

Budget , SC WW CC NT, 45.00 Bushels of Wheat, Winter, West
Land is 1 acres of South Central SD at Owned, No Tillage
Residue Mgmt is No-Till, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
08/15/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.020
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.008
	Roundup 3L	12.0 Ounces				3.84	3.84	0.085
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.022
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.000
	X-77	0.2 Pints				0.45	0.45	0.010
09/10/00	Tractor 060 hp	0.0 Hrs (1.0 Times)	0.19	0.23	0.53	0.95	0.95	0.021
	Fertilizer Sprd. 40 Ft. &		0.58	0.26	0.04	0.88	0.88	0.020
	Nitrogen, Dry (act.)	62.1 Pounds				11.12	11.12	0.247
	18-46-0 (DAP)	54.8 Pounds				7.34	7.34	0.163
09/15/00	Tractor 190 hp	0.1 Hrs (1.0 Times)	1.06	1.47	0.99	3.53	3.53	0.078
	No-Till Drill, 30'		3.92	2.37	0.07	6.36	6.36	0.141
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.150
05/01/01	Tractor 060 hp	0.0 Hrs (0.7 Times)	0.12	0.14	0.33	0.59	0.59	0.013
	Sprayer Pull Type, 50'		0.16	0.07	0.02	0.25	0.25	0.006
	2,4-D 5.7E	0.2 Pints				0.61	0.61	0.013
	Ally 60DF	0.1 Ounces				1.61	1.61	0.036
	Surfactant	1.1 Ounces				0.15	0.15	0.003
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.017
	Parathion	0.1 Pounds				0.25	0.25	0.006
07/01/01	Custom Combine, \$16/ac.	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Combine Wheat	1.0 Acres				16.00	16.00	0.356
	Trucking, \$0.15/bu	45.0 Bushels				6.75	6.75	0.150
TOTAL Machinery Cost						13.83	13.83	0.307
TOTAL Input Cost						56.61	56.61	1.258
TOTAL Budget Cost						70.44	70.44	1.565

II. Production Activities Report

Date	Operation Description	Perform-ance rate Acres/hr	Power Unit Owner-ship	Oper-ating	Machinery Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	0.028
09/10/00	Fertilizer Sprd. 40 Ft. & 4T.	23.758	0.19	0.23	0.58	0.26	0.57	1.83	0.041
09/15/00	No-Till Drill, 30'	12.727	1.06	1.47	3.92	2.37	1.06	9.89	0.220
05/01/01	Sprayer Pull Type, 50'	25.606	0.12	0.14	0.16	0.07	0.35	0.84	0.019
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Custom Combine, \$16/ac.	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Total Machinery Cost of Operations			1.55	2.05	4.90	2.80	2.52	13.83	0.307

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Roundup 3L	Ounces	12.00	3.84	3.84 0.085
2,4-D 5.7E	Pints	0.61	1.59	1.59 0.035
Ammonium Sulfate	Pounds	0.10	0.02	0.02 0.000
X-77	Pints	0.20	0.45	0.45 0.010
Nitrogen, Dry (act.)	Pounds	62.10	11.12	11.12 0.247
18-46-0 (DAP)	Pounds	54.80	7.34	7.34 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.150
Ally 60DF	Ounces	0.07	1.61	1.61 0.036
Surfactant	Ounces	1.07	0.15	0.15 0.003
Aerial Spraying	Acres	0.20	0.75	0.75 0.017
Parathion	Pounds	0.10	0.25	0.25 0.006
Custom Combine Wheat	Acres	1.00	16.00	16.00 0.356
Trucking, \$0.15/bu	Bushels	45.00	6.75	6.75 0.150
Material Cost Total			56.61	56.61 1.258
Labor Used				
Machinery Labor	Hours	0.20	2.35	2.35 0.052
Other Labor	Hours	0.02	0.17	0.17 0.004
Labor Cost Total			2.52	2.52 0.056
Fuels Used				
Diesel	Gallons	0.94	0.99	0.99 0.022
Fuel Cost Total			0.99	0.99 0.022

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, West	121.50			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		121.50	121.50	2.700
2. Machinery Cost				
2.1 Ownership Cost	6.45		6.45	0.143
2.2 Operating Cost	3.87		3.87	0.086
2.3 Total Machinery Cost		10.32	10.32	0.229
3. Materials Cost				
3.1 Materials	56.61		56.61	1.258
3.2 Fuel Cost	0.99		0.99	0.022
3.3 Labor Wages	2.52		2.52	0.056
3.4 Total Materials Cost		60.12	60.12	1.336
4. Capital Costs		3.91	3.91	0.087
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		41.70	41.70	0.927
7. Management Fees		6.07	6.07	0.135
Gross Revenues		121.50	121.50	2.70
Total Costs		122.12	122.12	2.71
Net Profit or Loss		-0.62	-0.62	-0.01

Scenario 01

No Crop Drying Planned

Budget SD-500-, NE WW CC CT, 50.00 Bushels of Wheat, Winter, East
Land is 1 acres of Northeast SD at Owned, Conventional Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
09/05/00	Tractor 075 hp	0.0 Hrs (1.0 Times)	0.24	0.30	0.53	1.07	1.07	0.021
	Rent Fert. Sprd. 40 Ft. & Nitrogen, Dry	69.0 Pounds	0.00	1.50	0.04	1.54	1.54	0.031
	18-46-0 (DAP)	60.9 Pounds				12.35	12.35	0.247
						8.16	8.16	0.163
09/10/00	Tractor 140 hp	0.1 Hrs (1.0 Times)	0.82	0.99	0.91	2.73	2.73	0.055
	Disk - Tandem 27'		1.39	0.57	0.06	2.02	2.02	0.040
09/15/00	Tractor 075 hp	0.2 Hrs (1.0 Times)	1.04	1.28	2.32	4.64	4.64	0.093
	Grain Drill Press Wheel 1 Seed, Certified, WW	90.0 Pounds	1.80	1.70	0.17	3.66	3.66	0.073
						6.75	6.75	0.135
05/01/01	Custom Spraying	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Spraying	1.0 Acres				3.40	3.40	0.068
	2,4-D 3.8L Amine	0.8 Pints				1.25	1.25	0.025
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.015
	Parathion	1.0 Pounds				2.50	2.50	0.050
07/01/01	Combine, Medium	0.2 Hrs (1.0 Times)	8.04	4.40	2.71	15.16	15.16	0.303
	Combine Platform w/pk res		1.60	0.26	0.18	2.04	2.04	0.041
	Trucking, \$0.15/bu	50.0 Bushels				7.50	7.50	0.150
08/04/01	Tractor 140 hp	0.1 Hrs (1.0 Times)	1.39	1.68	1.53	4.60	4.60	0.092
	Chisel Plow, 17'		0.76	0.45	0.11	1.32	1.32	0.026
TOTAL Machinery Cost						38.78	38.78	0.776
TOTAL Input Cost						42.66	42.66	0.853
TOTAL Budget Cost						81.44	81.44	1.629

II. Production Activities Report

Date	Operation Description	Perform-ance rate Acres/hr	Owner-ship	Power Unit Oper-ating	Machinery Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.24	0.30	0.00	1.50	0.57	2.60	0.052
09/10/00	Disk - Tandem 27'	13.909	0.82	0.99	1.39	0.57	0.97	4.75	0.095
09/15/00	Grain Drill Press Wheel 12 Ft	5.455	1.04	1.28	1.80	1.70	2.48	8.30	0.166
05/01/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Combine Platform w/pk real 20'	5.091	8.04	4.40	1.60	0.26	2.89	17.19	0.344
08/04/01	Chisel Plow, 17'	8.242	1.39	1.68	0.76	0.45	1.64	5.92	0.118
Total Machinery Cost of Operations			11.53	8.65	5.55	4.48	8.56	38.78	0.776

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry	Pounds	69.00	12.35	12.35 0.247
18-46-0 (DAP)	Pounds	60.90	8.16	8.16 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.135
Custom Spraying	Acres	1.00	3.40	3.40 0.068
2,4-D 3.8L Amine	Pints	0.75	1.25	1.25 0.025
Aerial Spraying	Acres	0.20	0.75	0.75 0.015
Parathion	Pounds	1.00	2.50	2.50 0.050
Trucking, \$0.15/bu	Bushels	50.00	7.50	7.50 0.150
Material Cost Total			42.66	42.66 0.853
Labor Used				
Machinery Labor	Hours	0.70	8.01	8.01 0.160
Other Labor	Hours	0.06	0.55	0.55 0.011
Labor Cost Total			8.56	8.56 0.171
Fuels Used				
Diesel	Gallons	2.97	3.12	3.12 0.062
Fuel Cost Total			3.12	3.12 0.062

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	144.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		144.00	144.00	2.880
2. Machinery Cost				
2.1 Ownership Cost	17.08		17.08	0.342
2.2 Operating Cost	10.01		10.01	0.200
2.3 Total Machinery Cost		27.10	27.10	0.542
3. Materials Cost				
3.1 Materials	42.66		42.66	0.853
3.2 Fuel Cost	3.12		3.12	0.062
3.3 Labor Wages	8.56		8.56	0.171
3.4 Total Materials Cost		54.34	54.34	1.087
4. Capital Costs		3.93	3.93	0.079
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		62.00	62.00	1.240
7. Management Fees		7.20	7.20	0.144
Gross Revenues		144.00	144.00	2.88
Total Costs		154.57	154.57	3.09
Net Profit or Loss		-10.57	-10.57	-0.21

Scenario 01

No Crop Drying Planned

**Budget SD-500-, EC WW CC CT, 50.00 Bushels of Wheat, Winter, East
Land is 1 acres of East Central SD at Owned, Conventional Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.**

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
09/05/00	Tractor 075 hp	0.0 Hrs (1.0 Times)	0.24	0.30	0.53	1.07	1.07	0.021
	Rent Fert. Sprd. 40 Ft. &		0.00	1.50	0.04	1.54	1.54	0.031
	Nitrogen, Dry (act.)	69.0 Pounds				12.35	12.35	0.247
	18-46-0 (DAP)	60.9 Pounds				8.16	8.16	0.163
09/10/00	Tractor 140 hp	0.1 Hrs (1.0 Times)	0.82	0.99	0.91	2.73	2.73	0.055
	Disk - Tandem 27'		1.39	0.57	0.06	2.02	2.02	0.040
09/15/00	Tractor 075 hp	0.2 Hrs (1.0 Times)	1.04	1.28	2.32	4.64	4.64	0.093
	Grain Drill Press Wheel 1		1.80	1.70	0.17	3.66	3.66	0.073
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.135
05/01/01	Custom Spraying	0.0 Hrs (1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Spraying	1.0 Acres				3.40	3.40	0.068
	2,4-D 3.8L Amine	0.8 Pints				1.25	1.25	0.025
06/15/01	Custom Spraying	0.0 Hrs (0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.015
	Parathion	1.0 Pounds				2.50	2.50	0.050
07/01/01	Combine, Medium	0.2 Hrs (1.0 Times)	8.04	4.40	2.71	15.16	15.16	0.303
	Combine Platform w/pk ree		1.60	0.26	0.18	2.04	2.04	0.041
	Trucking, \$0.15/bu	50.0 Bushels				7.50	7.50	0.150
08/04/01	Tractor 140 hp	0.1 Hrs (1.0 Times)	1.39	1.68	1.53	4.60	4.60	0.092
	Chisel Plow, 17'		0.76	0.45	0.11	1.32	1.32	0.026
TOTAL Machinery Cost						38.78	38.78	0.776
TOTAL Input Cost						42.66	42.66	0.853
TOTAL Budget Cost						81.44	81.44	1.629

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit -- Owner- ship	Oper- ating	Machinery -- Owner- ship	Opera- ting	Labor Cost	Cost Per Acre	Cost Per Unit
Pre-Harvest Activities									
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.24	0.30	0.00	1.50	0.57	2.60	0.052
09/10/00	Disk - Tandem 27'	13.909	0.82	0.99	1.39	0.57	0.97	4.75	0.095
09/15/00	Grain Drill Press Wheel 12 Ft	5.455	1.04	1.28	1.80	1.70	2.48	8.30	0.166
05/01/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Combine Platform w/pk reel 20'	5.091	8.04	4.40	1.60	0.26	2.89	17.19	0.344
08/04/01	Chisel Plow, 17'	8.242	1.39	1.68	0.76	0.45	1.64	5.92	0.118
Total Machinery Cost of Operations			11.53	8.65	5.55	4.48	8.56	38.78	0.776

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per ---	
				Acre	Unit
Materials Used					
Nitrogen, Dry (act.)	Pounds	69.00	12.35	12.35	0.247
18-46-0 (DAP)	Pounds	60.90	8.16	8.16	0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75	0.135
Custom Spraying	Acres	1.00	3.40	3.40	0.068
2,4-D 3.8L Amine	Pints	0.75	1.25	1.25	0.025
Aerial Spraying	Acres	0.20	0.75	0.75	0.015
Parathion	Pounds	1.00	2.50	2.50	0.050
Trucking, \$0.15/bu	Bushels	50.00	7.50	7.50	0.150
Material Cost Total			42.66	42.66	0.853
Labor Used					
Machinery Labor	Hours	0.70	8.01	8.01	0.160
Other Labor	Hours	0.06	0.55	0.55	0.011
Labor Cost Total			8.56	8.56	0.171
Fuels Used					
Diesel	Gallons	2.97	3.12	3.12	0.062
Fuel Cost Total			3.12	3.12	0.062

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	144.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		144.00	144.00	2.880
2. Machinery Cost				
2.1 Ownership Cost	17.08		17.08	0.342
2.2 Operating Cost	10.01		10.01	0.200
2.3 Total Machinery Cost		27.10	27.10	0.542
3. Materials Cost				
3.1 Materials	42.66		42.66	0.853
3.2 Fuel Cost	3.12		3.12	0.062
3.3 Labor Wages	8.56		8.56	0.171
3.4 Total Materials Cost		54.34	54.34	1.087
4. Capital Costs		3.93	3.93	0.079
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		78.50	78.50	1.570
7. Management Fees		7.20	7.20	0.144
Gross Revenues		144.00	144.00	2.88
Total Costs		171.07	171.07	3.42
Net Profit or Loss		-27.07	-27.07	-0.54

Scenario 01

No Crop Drying Planned

**Budget SD-500-, SE WW CC CT, 50.00 Bushels of Wheat, Winter, East
Land is 1 acres of Southeast SD at Owned, Conventional Tillage
No Residue Management, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.**

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
09/05/00	Tractor 075 hp	0.0 Hrs(1.0 Times)	0.24	0.30	0.53	1.07	1.07	0.021
	Rent Fert. Sprd. 40 Ft. &		0.00	1.50	0.04	1.54	1.54	0.031
	Mitrogen, Dry (act.)	69.0 Pounds				12.35	12.35	0.247
	18-46-0 (DAP)	60.9 Pounds				8.16	8.16	0.163
09/10/00	Tractor 140 hp	0.1 Hrs(1.0 Times)	0.82	0.99	0.91	2.73	2.73	0.055
	Disk - Tandem 27'		1.39	0.57	0.06	2.02	2.02	0.040
09/15/00	Tractor 075 hp	0.2 Hrs(1.0 Times)	1.04	1.28	2.32	4.64	4.64	0.093
	Grain Drill Press Wheel 1		1.80	1.70	0.17	3.66	3.66	0.073
	Seed, Certified, WW	90.0 Pounds				6.75	6.75	0.135
05/01/01	Custom Spraying	0.0 Hrs(1.0 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Custom Spraying	1.0 Acres				3.40	3.40	0.068
	2,4-D 3.8L Amine	0.8 Pints				1.25	1.25	0.025
06/15/01	Custom Spraying	0.0 Hrs(0.2 Times)	0.00	0.00	0.00	0.00	0.00	0.000
	Aerial Spraying	0.2 Acres				0.75	0.75	0.015
	Parathion	1.0 Pounds				2.50	2.50	0.050
07/01/01	Combine, Medium	0.2 Hrs(1.0 Times)	8.04	4.40	2.71	15.16	15.16	0.303
	Combine Platform w/pk ree		1.60	0.26	0.18	2.04	2.04	0.041
	Trucking, \$0.15/bu	50.0 Bushels				7.50	7.50	0.150
08/04/01	Tractor 140 hp	0.1 Hrs(1.0 Times)	1.39	1.68	1.53	4.60	4.60	0.092
	Chisel Plow, 17'		0.76	0.45	0.11	1.32	1.32	0.026
TOTAL Machinery Cost						38.78	38.78	0.776
TOTAL Input Cost						42.66	42.66	0.853
TOTAL Budget Cost						81.44	81.44	1.629

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit -- Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
09/05/00	Rent Fert. Sprd. 40 Ft. & 4T.	23.758	0.24	0.30	0.00	1.50	0.57	2.60	0.052
09/10/00	Disk - Tandem 27'	13.909	0.82	0.99	1.39	0.57	0.97	4.75	0.095
09/15/00	Grain Drill Press Wheel 12 Ft	5.455	1.04	1.28	1.80	1.70	2.48	8.30	0.166
05/01/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
06/15/01	Custom Spraying	Custom	0.00	0.00	0.00	0.00	0.00	0.00	0.000
07/01/01	Combine Platform w/pk reel 20'	5.091	8.04	4.40	1.60	0.26	2.89	17.19	0.344
08/04/01	Chisel Plow, 17'	8.242	1.39	1.68	0.76	0.45	1.64	5.92	0.118
Total Machinery Cost of Operations			11.53	8.65	5.55	4.48	8.56	38.78	0.776

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Nitrogen, Dry (act.)	Pounds	69.00	12.35	12.35 0.247
18-46-0 (DAP)	Pounds	60.90	8.16	8.16 0.163
Seed, Certified, WW	Pounds	90.00	6.75	6.75 0.135
Custom Spraying	Acres	1.00	3.40	3.40 0.068
2,4-D 3.8L Amine	Pints	0.75	1.25	1.25 0.025
Aerial Spraying	Acres	0.20	0.75	0.75 0.015
Parathion	Pounds	1.00	2.50	2.50 0.050
Trucking, \$0.15/bu	Bushels	50.00	7.50	7.50 0.150
Material Cost Total			42.66	42.66 0.853
Labor Used				
Machinery Labor	Hours	0.70	8.01	8.01 0.160
Other Labor	Hours	0.06	0.55	0.55 0.011
Labor Cost Total			8.56	8.56 0.171
Fuels Used				
Diesel	Gallons	2.97	3.12	3.12 0.062
Fuel Cost Total			3.12	3.12 0.062

IV. Net Returns Calculations

Income or Expense Item	Subtotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Wheat, Winter, East	144.00			
1.2 Wheat Gov. Payment	0.00			
1.3 Total Crop Revenue		144.00	144.00	2.880
2. Machinery Cost				
2.1 Ownership Cost	17.08		17.08	0.342
2.2 Operating Cost	10.01		10.01	0.200
2.3 Total Machinery Cost		27.10	27.10	0.542
3. Materials Cost				
3.1 Materials	42.66		42.66	0.853
3.2 Fuel Cost	3.12		3.12	0.062
3.3 Labor Wages	8.56		8.56	0.171
3.4 Total Materials Cost		54.34	54.34	1.087
4. Capital Costs		3.93	3.93	0.079
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		91.00	91.00	1.820
7. Management Fees		7.20	7.20	0.144
Gross Revenues		144.00	144.00	2.88
Total Costs		183.57	183.57	3.67
Net Profit or Loss		-39.57	-39.57	-0.79

Scenario 01

No Crop Drying Planned

Budget WE-420-4201, CHEMICAL FALLOW COSTS, 1.00 Bushels of Setaside/Fallow,\$0
Land is 1 acres of South Central SD at Owned, No or Min. Till Tillage
Residue Mgmt is BCS, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner-ship	Oper-ating	Labor	Total Costs	Cost/Acre	Cost per Unit
10/01/99	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.879
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.379
	Roundup RT 3L	0.6 Pints				3.39	3.39	3.389
	2,4-D 5.7E	0.5 Pints				1.29	1.29	1.290
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.020
	X-77	0.2 Pints				0.45	0.45	0.446
05/05/00	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.879
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.379
	Roundup RT 3L	1.0 Pints				5.38	5.38	5.380
	Barvel 4L	0.3 Pints				2.78	2.78	2.775
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.020
	X-77	0.2 Pints				0.45	0.45	0.446
06/20/00	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.879
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.379
	Roundup RT 3L	0.8 Pints				4.03	4.03	4.035
	2,4-D 5.7E	0.5 Pints				1.29	1.29	1.290
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.020
	X-77	0.2 Pints				0.45	0.45	0.446
08/15/00	Tractor 060 hp	0.0 Hrs(1.0 Times)	0.18	0.21	0.49	0.88	0.88	0.879
	Sprayer Pull Type, 50'		0.24	0.10	0.04	0.38	0.38	0.379
	Roundup RT 3L	0.8 Pints				4.03	4.03	4.035
	2,4-D 5.7E	0.4 Pints				0.98	0.98	0.980
	Ammonium Sulfate	0.1 Pounds				0.02	0.02	0.020
	X-77	0.2 Pints				0.45	0.45	0.446
09/15/00	Tractor 060 hp	0.0 Hrs(0.5 Times)	0.09	0.10	0.25	0.44	0.44	0.440
	Sprayer Pull Type, 50'		0.12	0.05	0.02	0.19	0.19	0.190
	Roundup RT 3L	0.4 Pints				2.02	2.02	2.017
	Barvel 4L	0.1 Pints				1.39	1.39	1.388
	Ammonium Sulfate	0.1 Pounds				0.01	0.01	0.010
	X-77	0.1 Pints				0.22	0.22	0.223
TOTAL Machinery Cost						5.67	5.67	5.665
TOTAL Input Cost						28.68	28.68	28.677
TOTAL Budget Cost						34.34	34.34	34.342

II. Production Activities Report

Date	Operation Description	Perform-ance rate Acres/hr	Power Unit -- Owner-ship	Oper-ating	Machinery -- Owner-ship	Oper-ating	Labor Cost	Cost Per Acre	Cost Per Unit
Pre-Harvest Activities									
10/01/99	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	1.259
05/05/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	1.259
06/20/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	1.259
08/15/00	Sprayer Pull Type, 50'	25.606	0.18	0.21	0.24	0.10	0.53	1.26	1.259
09/15/00	Sprayer Pull Type, 50'	25.606	0.09	0.10	0.12	0.05	0.26	0.63	0.629
Total Machinery Cost of Operations			0.79	0.94	1.09	0.46	2.38	5.67	5.665

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Labor Used				
Machinery Labor	Hours	0.18	2.02	2.02 2.023
Other Labor	Hours	0.02	0.14	0.14 0.144
Labor Cost Total			2.17	2.17 2.167
Fuels Used				
Diesel	Gallons	1.76	1.85	1.85 1.847
Fuel Cost Total			1.85	1.85 1.847

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Setaside/Fallow, \$0	0.00			
1.2 Total Crop Revenue		0.00	0.00	0.000
2. Machinery Cost				
2.1 Ownership Cost	4.19		4.19	4.193
2.2 Operating Cost	2.97		2.97	2.970
2.3 Total Machinery Cost		7.16	7.16	7.163
3. Materials Cost				
3.1 Materials	0.00		0.00	0.000
3.2 Fuel Cost	1.85		1.85	1.847
3.3 Labor Wages	2.17		2.17	2.167
3.4 Total Materials Cost		4.01	4.01	4.015
4. Capital Costs		1.44	1.44	1.443
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		41.70	41.70	41.700
7. Management Fees		0.00	0.00	0.000
Gross Revenues		0.00	0.00	0.00
Total Costs		54.32	54.32	54.32
Net Profit or Loss		-54.32	-54.32	-54.32

Scenario 01

No Crop Drying Planned

Budget WE-420-1201, MECHANICAL FALLOW COSTS, 1.00 Bushels of Setaside/Fallow,\$0
Land is 1 acres of South Central SD at Owned, Conv. Tillage Tillage
Residue Mgmt is None Compliance, No Conservation Plan, Mgmt Charge Based On Gross Returns
Prepared for Planning Purposes Only.

I. Detailed Operations Cost

Date	Machinery Or Input	Units Applied	Owner- ship	Oper- ating	Labor	Total Costs	Cost/ Acre	Cost per Unit
07/30/99	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	1.193 0.692
10/01/99	Tractor 250 hp 4Wd,heavy Disk - Tandem 33'	0.0 Hrs(1.0 Times)	0.56 1.01	0.93 0.47	0.62 0.04	2.11 1.53	2.11 1.53	2.109 1.528
05/05/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	1.193 0.692
06/10/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	1.193 0.692
07/15/00	Tractor 250 hp 4Wd,heavy Field Cultivator 50',heav	0.0 Hrs(1.0 Times)	0.32 0.34	0.53 0.33	0.35 0.02	1.19 0.69	1.19 0.69	1.193 0.692
TOTAL Machinery Cost						11.18	11.18	11.178
TOTAL Input Cost						0.00	0.00	0.000
TOTAL Budget Cost						11.18	11.18	11.178

II. Production Activities Report

Date	Operation Description	Perform- ance rate Acres/hr	Power Unit Owner- ship	Oper- ating	Machinery Owner- ship	Oper- ating	Labor Cost	Cost Per Acre	Per Unit
Pre-Harvest Activities									
07/30/99	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	1.885
10/01/99	Disk - Tandem 33'	20.400	0.56	0.93	1.01	0.47	0.66	3.64	3.637
05/05/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	1.885
06/10/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	1.885
07/15/00	Field Cultivator 50',heavy use	36.061	0.32	0.53	0.34	0.33	0.38	1.89	1.885
Total Machinery Cost of Operations			1.83	3.03	2.37	1.79	2.17	11.18	11.178

III. Material Usage Report

Material	Units	Quantity	Total Costs	--- Cost Per --- Acre Unit
Materials Used				
Roundup RT 3L	Pints	3.51	18.86	18.86 18.857
2,4-D 5.7E	Pints	1.38	3.56	3.56 3.560
Ammonium Sulfate	Pounds	0.45	0.09	0.09 0.090
X-77	Pints	0.90	2.01	2.01 2.007
Banvel 4L	Pints	0.38	4.16	4.16 4.162
Material Cost Total			28.68	28.68 28.677
Labor Used				
Machinery Labor	Hours	0.19	2.22	2.22 2.223
Other Labor	Hours	0.02	0.16	0.16 0.158
Labor Cost Total			2.38	2.38 2.381
Fuels Used				
Diesel	Gallons	0.46	0.49	0.49 0.487
Fuel Cost Total			0.49	0.49 0.487

IV. Net Returns Calculations

Income or Expense Item	SubTotal	Total	Amount Per Acre	Amount Per Unit
1. Gross Revenues				
1.1 Setaside/Fallow,\$0	0.00			
1.2 Total Crop Revenue		0.00	0.00	0.000
2. Machinery Cost				
2.1 Ownership Cost	1.89		1.89	1.887
2.2 Operating Cost	0.91		0.91	0.910
2.3 Total Machinery Cost		2.80	2.80	2.797
3. Materials Cost				
3.1 Materials	28.68		28.68	28.677
3.2 Fuel Cost	0.49		0.49	0.487
3.3 Labor Wages	2.38		2.38	2.381
3.4 Total Materials Cost		31.55	31.55	31.545
4. Capital Costs		5.63	5.63	5.634
5. Drying Costs		0.00	0.00	0.000
6. Land Charges		41.70	41.70	41.700
7. Management Fees		0.00	0.00	0.000
Gross Revenues		0.00	0.00	0.00
Total Costs		81.68	81.68	81.68
Net Profit or Loss		-81.68	-81.68	-81.68

Scenario 01

No Crop Drying Planned